

REMARKS

Claims 1-88 were pending. Claims 4, 26, 39, 51, 57, 58, 63-66, 70 and 79 have been amended. Therefore, claims 1-88 are pending.

No new matter has been added. Claims 4, 26, 39, 51, 57, 58, 63-66, 70 and 79 have been amended to clarify the invention.

SUMMARY

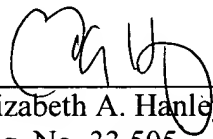
Amendments to the claims should be in no way be construed as an acquiescence to any of the Examiner's objections and/or rejections. Applicants reserve the option to further prosecute the same or similar claims in the present or another patent application.

In view of the above remarks and amendments, it is believed that this application is in condition for allowance. If a telephone conversation with Applicants' Attorney would expedite prosecution of the above-identified application, the Examiner is urged to call the undersigned at (617) 227-7400.

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Version of Claims with Markings to Show Changes Made

4. [Amended] The tetracycline compound of ~~any one of claims 1-3~~, wherein R⁷ is aryl.
26. [Amended] The tetracycline compound of ~~any one of claims 1-3~~, wherein R⁷ is substituted or unsubstituted alkyl.
39. [Amended] The tetracycline compound of ~~any one of claims 1-3~~, wherein R⁷ is substituted or unsubstituted alkenyl.
51. [Amended] The tetracycline compound of ~~any one of claims 1-3~~, wherein R⁷ is substituted or unsubstituted alkynyl.
57. [Amended] The tetracycline compound of ~~any one of claims 1-3~~, wherein R⁷ is alkylcarbonyl amino.
58. [Amended] The tetracycline compound of ~~any one of claims 1-3~~, wherein R⁷ is carbonyl.
63. [Amended] The tetracycline compound of ~~any one of claims 1-3~~, wherein R⁷ is substituted or unsubstituted imino.
64. [Amended] The tetracycline compound of ~~any one of claims 1-3~~, wherein said substituted imino is substituted with an hydroxy or alkoxy group.
65. [Amended] The tetracycline compound of ~~any one of claims 1-3~~, wherein R⁷ is NR^{7c}(C=W')WR^{7a}.
66. [Amended] The tetracycline compound of claim ~~6555~~, wherein R^{7c} is hydrogen, W' is oxygen and W is oxygen.
70. [Amended] The tetracycline compound of ~~any one of claims 1-3~~, wherein R⁷ is sulfonamido.

79. [Amended] A method for treating a tetracycline responsive state in a subject, comprising administering to said subject a tetracycline compound of claims 1, ~~71, or 72~~, such that said subject is treated.